US ERA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG			
Kalamazoo River/Enbridge Spill				1700		ICS 214			
4. <u>Unit Name/Designators</u>		5. Unit Leader		6. Operational P	6. Operational Period :				
Containment Branch Monitoring Team 3		Name:	ne: Dan Capone & Joe Victory (START/US EPA)		A) From:	4/27/2012 0800			
		Position:	n: Operations Section Chief		To:	4/27/2012 1620			
		7. Pe	rsonnel Ros	ster Assigned					
<u>Name</u>		ICS Position				ELL			
Dan Capone		Operations Section Chief							
Joe Victory		Operations	Section Ch	ief					
Rex Johnson		Containme	nt Branch D	Director					
Dan Zahner		Field Tean							
Sean Kane		CBM-3							
Christopher Lanting	a		ening Direc	rtor					
Christopher Lantinga		Kivei Keoj	beiling Direc	2101					
			8. Activit	ty Log	<u> </u>				
					LAT	LAT			
Activity Area	Division E (N	Morrow Lake)		Various	Various				
				(DD.MMMN	(DD.MMMM)				
	EXTENT OF OIL IMPACTED								
OIL OBSERVED	AREA	E OH /CHE	Z.N.I						
Total Collection Points Total Boom Deployed	Weston/START CBM 3 Team Activity:								
	Morrow Lak locations wit no oil globul documented	e and the proch light sheer les (Light) a within the so	ojected Mon and few of and 1 location diment, in	rrow Lake section of the section of	erformed poling active diment fan, observation ight), 4 locations with ill or sheen (none) *to ove the sediment, at the sediment, at the sediment is sediment.	ons included: 16 h light sheen and emperatures were he surface/water			
A ativity					ling location. The fol	lowing are the			
Activity	results from	results from the 21 poling locations performed today.							
	LOC. ID	WATI DEPI (ft)	H PUSH	HARD PUSH (ft)	_	ENT TYPE/ and BSERVATION			
	M-35	4.0	5.1	5.1	56.6/53.6/53.9/ Soft/Lig	ht,Light,Few			
	M-30	5.0	6.3	6.3	61.4	ht,Light,None			
	M-22	4.6	6.9	7.0	50.2/47.9/58.8/ Soft/Lig	ht,Light,Few			
	1			+		LATISTA NICO			
	M-15	2.9	4.1	4.1	51.1/52.4/53.2/ 48.9 Soft/Lig	ht,Light,None			

LOC. ID	WATER DEPTH (ft)	SOFT PUSH (ft)	HARD PUSH (ft)	SEDIMENT/ ABOVE SED/ SURFACE/ AIR (°F)	SEDIMENT TYPE/ and OIL OBSERVATION
M-13	3.9	4.5	4.5	58.9/57.8/56.5/ 52.5	Soft/Light/Light/Few
M-21	4.5	5.6	5.6	57.0/51.4/51.1/ 46.1	Soft/Light/Light/Few
M-26	4.9	7.2	7.3	51.8/51.8/73.2/ 67.4	Soft/Light/Light/Few
M-23	5.3	6.5	6.5	60.3/52.6/66.6/ 71.3	Sand&Silt/Light/Light/ None
M-20	5.0	7.7	10.0	63.3/63.2/63.1/ 66.4	Soft/Light/Light/Few
M-01	2.0	2.1	2.1	61.3/68.0/69.1/ 68.8	Sand/No oil or sheen
M-12	3.9	4.7	4.7	56.8/60.8/61.1/ 58.9	Sand&Silt//Light/Light/ Few
M-11	3.0	4.4	4.5	57.0//57.7/58.6/ 71.8	Soft/Light/Light/Few
M-10	3.7	5.5	6.7	62.6/64.2/61.9/ 59.5	Soft/Light/Light/Few
M-09	4.3	6.1	7.5	62.4/63.3/64.0/ 62.4	Soft/Light/Light/Few
M-06	4.0	5.5	5.5	57.5/61.5/62.9/ 70.0	Soft/Light/Light/Few
M-05	4.9	5.5	5.6	68.2/69.6/69.3/ 70.0	Silt&Sand/Light/Light/ Few
M-04	3.4	3.9	3.9	60.2/70.0/70.0/ 73.3	Soft/Light/Light/Few
M-03	3.9	5.6	6.4	62.4/64.4/65.4/ 70.0	Soft/Light/Light/Few
M-02	2.9	4.4	4.5	61.5/68.3/67.6/ 63.0	Soft/Light/Light/Few
M-07	3.6	6.3	8.0	63.0/64.4/64.4/ 61.5	Soft/Light/Light/Few

Health and Safety Issues

1000 Hours – Weather Conditions: 38F, Winds calm and variable 0-2mph, Gusts NNE 17mph **1400 Hours – Weather Conditions**: 51F, winds NE 2mph

Comments

*Note - Temperature readings throughout the day are erroneous. Multiple ambient air readings above the actual temperature were recorded (20+). Temperature 'swings' of nearly 30 degrees and multiple degree differences between poling locations. Unit is Omega HH509 and to date Enbridge staff may not even know the proper way to calibrate due to repeated correspondence that the units are 'self-calibrating'. One should not utilize data from Morrow Lake for the last three weeks. Enbridge rep told to choose what 'he' thinks is most 'appropriate'. Enbridge sub-contractor (Tetra Tech) has informed Enbridge and/or Enbridge rep on many occasions of faulty instrument(s) and